

Aldes Micro-Watt Fans

Nowadays, countries are building up new regulations to decrease the energy consumption of buildings, and thus saving the planet's resources. To decrease energy consumption is one of the main concerns of **Aldes Group**. In order to fit new regulations and needs of people in every country, Aldes has created a large range of fans with the micro-watt technology. The main innovative Aldes product of this range is C.VEC micro-watt +, which is part of a new generation of cabinet fans with C4 fire classification.

Micro-watt technology spreading ahead

Micro-watt is a technology developed by Aldes to control the duct static pressure and ensure a fan economical operation. Micro-watt's specific electronics drives the motor speed through frequency variations and controls a continuous pressure on the fan's airflow range.

This exclusive concept has numerous advantages:

- Up to 75% of electrical consumption saving.
- Savings on the 3-phase line voltage thanks to a 50/60Hz single phase power supply up to 2.2kW motors.
- Return on the investment within 4 years, thanks to the energy savings made during the operation.
- Easier settings thanks to the adjustable potentiometer and the pressure display.

A wide range of micro-watt fans

Air exhaust with a C4* fire classification:



C.VEC micro-watt +

inoVEC micro-watt is the new generation of low-consumption C4 fan-units.

For airflows up to 2500 m³/h: C.VEC micro-watt + With an Aldes patented system, C.VEC micro-watt + fans provide an important consumption saving through the control of a constant or rising pressure on the fan's airflow range. C.VEC micro-watt + fans provide up to 60% of savings on the electricity bills.

Air supply or air exhaust with a pre-treatment (modules with filters, heaters...): **TVEC GII micro-watt** (Supply & exhaust fans) & **VIK micro-watt** (Supply & exhaust fans). These 2 Aldes fans allow up to 40% of electrical consumption decrease.■